

Amendments to the Specification:

On page 3, please amend the paragraph on line 7 as follows:

In an embodiment, the means ~~consist of~~ includes a layer made of stainless steel.

On page 3, please amend the paragraph spanning lines 8-9 as follows:

In another embodiment, the means ~~consist of~~ includes an electro conductive (dissipating) coating.

On page 3, please amend the paragraph spanning lines 10-13 as follows:

In yet another functional embodiment, the means ~~consist of~~ includes one or more elements made of a material that absorbs the electromagnetic waves. These elements are embodied so as to be, for example, ferrite tiles. It is essential for these elements that the electromagnetic waves are absorbed, and hence reflected poorly, by said elements.

On page 4, please amend the paragraph spanning lines 9-12 as follows:

More specifically it has been found that the electromagnetic effects in the treatment room outside the target area can be advantageously counteracted if the means ~~consist of~~ includes a large number of abutting waveguides, at least one end of the waveguide being electrically open. If necessary, both ends may be electrically open.

Please amend the paragraph starting on page 6, line 32 and continuing to page 7, line 6 as follows:

In accordance with the invention, the means 10 are provided on at least one of the walls 7a and/or on the ceiling 7b and/or on the floor 7c of the treatment room 7, and may ~~consist of~~ include, for example, [[of]] a layer of stainless steel. In another embodiment, the means may ~~consist of~~ include an electro conductive coating applied to one or more of the walls 7a and/or to the ceiling 7b and/or to the floor 7c. Said two measures reduce the occurrence of a standing electromagnetic wave in the treatment room 7 between the imaging device 1 and one of the walls 7a. As a matter of fact, these measures cause an increase in electric resistance for the electric currents in the wall as compared to the electric resistance of the wall made of, for example, copper.

On page 7, please amend the paragraph spanning lines 11-17 as follows:

In an embodiment shown in Fig. 3, the means ~~consist of~~ includes one or more elements 10. It is essential for these elements that the electromagnetic waves traveling through the treatment room 7 are poorly reflected by these elements at the location of the walls 7a, the ceiling 7b and the floor 7c and that these electromagnetic waves are absorbed by said elements via the electric shield that forms/encloses the treatment room 7. More specifically, these elements are embodied so as to be ferrite tiles 10. In a different embodiment, the elements may have an open fiber structure of electro conductive material.

On page 7, please amend the paragraph spanning lines 18-21 as follows:

Another embodiment is shown in Fig. 4, wherein the means 11 ~~consist of~~ includes electro conductive elements having a spatial structure directed towards the

interior of the treatment room 7. In Fig. 4, these means 11 are embodied so as to be pyramid-shaped elements 11.

On page 8, please amend the paragraph spanning lines 16-20 as follows:

Another embodiment of the means which may be accommodated in the treatment room 7 and which may or may not be movable is shown in Fig. 5b and consist of includes an LCR dipole antenna 14. The LCR dipole antenna 14 is used to pick up the electric field component E generated by the RF pulse and thus should be oriented more or less parallel to this electric field.

On page 9, please amend the paragraph spanning lines 10-15 as follows:

In Fig. 6, these means ~~consist of~~ includes a large number of interconnected, abutting waveguides 15. Said waveguides 15 are open at least at one end 15a, and, in this embodiment, the other end 15b of the waveguides 15 is closed. More specifically, the electric length of each waveguide 15 is equal to $\frac{1}{4} \lambda$, where λ is equal to the wavelength of the RF pulse. However, the waveguide 15 may alternatively be embodied so as to be open at both ends.

On page 9, please amend the paragraph spanning lines 23-26 as follows:

In another embodiment, as shown in Fig. 7, the means having a comparatively high electric resistivity ~~consist of~~ includes a coating or layer 16, which is applied to the surfaces of the housing 2 which are in direct contact with the electromagnetic effects of the RF pulse emitted by the RF unit 6.

After the last paragraph on page 9, please insert the following paragraph:

The invention has been described with reference to the preferred embodiments. Modifications and alterations may occur to others upon reading and understanding the preceding detailed description. It is intended that the invention be constructed as including all such modifications and alterations insofar as they come within the scope of the appended claims or the equivalents thereof.